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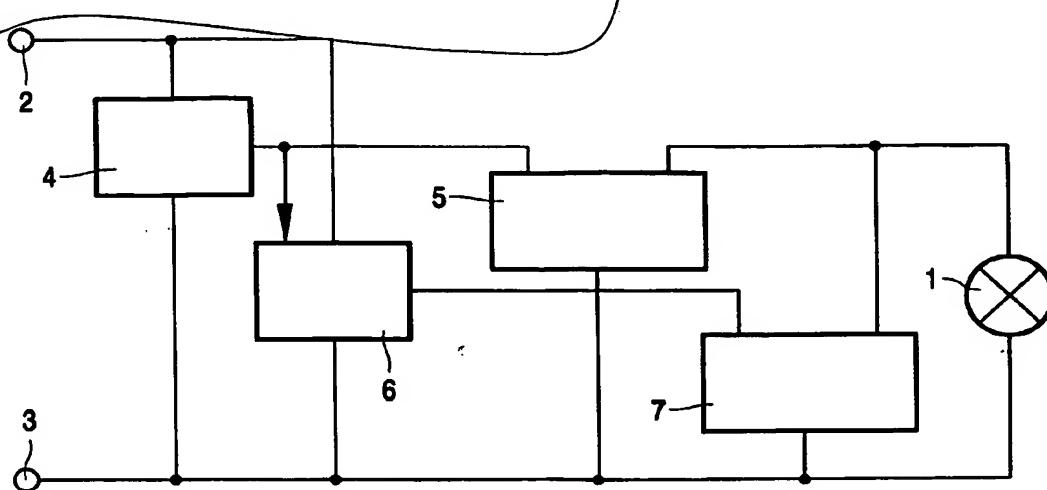
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(54) Title: SUPPLY APPARATUS FOR HIGH PRESSURE LAMPS



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(57) Abstract: The invention relates to an apparatus for supplying electrical energy at high frequencies to HID-lamps, comprising at least a first high frequency voltage source adapted to generate a substantial sinusoidal voltage with a first frequency and a first amplitude, at least a first piezoelectric transformer of which the resonance frequency is substantially equal to the first frequency and which is connected to said first voltage source, a number of secondary voltage sources which are each adapted to generate a substantial sinusoidal voltage with a frequency which is an odd harmonic of the first frequency and an amplitude which is an odd fraction of the first amplitude and a number of piezoelectric transformers of which the connected to the second voltage source.